

Title (en)  
RADIO NETWORK CONTROL APPARATUS

Title (de)  
FUNKNETZWERK-STEUERVORRICHTUNG

Title (fr)  
APPAREIL DE COMMANDE D'UN RESEAU RADIO

Publication  
**EP 1536597 A4 20071219 (EN)**

Application  
**EP 02772839 A 20020906**

Priority  
JP 0209127 W 20020906

Abstract (en)  
[origin: EP1536597A1] The present invention has an object of providing a radio network controller that improves data transmission efficiency in a communications system using ATM and IP transmission lines. The controller can communicate through the ATM or IP transmission line with a base station that can communicate with a mobile terminal. The controller includes division means for dividing transmission data into signals of a predetermined data size; means for transmitting the divided signals to the base station at predetermined time intervals; means for retransmitting the signals transmitted to the base station when a response signal from the mobile terminal is not received within a predetermined period; measuring means for measuring a signal response period in a communications channel to the mobile terminal; and means for determining the predetermined data size based on the measured response period. <IMAGE>

IPC 1-7  
**H04L 12/56**; H04L 29/08

IPC 8 full level  
**H04L 1/00** (2006.01); **H04L 1/18** (2006.01); **H04L 47/43** (2022.01); **H04W 28/00** (2009.01); **H04W 28/06** (2009.01); **H04W 28/10** (2009.01); **H04W 88/14** (2009.01); **H04W 92/00** (2009.01); **H04L 1/16** (2006.01); **H04W 28/04** (2009.01)

CPC (source: EP US)  
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